

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Valerie GIRARDON, et al.

Attorney Docket No. Q67665

Appln. No.: Unknown

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: January 02, 2002

For: FIBER GRATING OPTICAL WAVEGUIDE DEVICE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims:

4. (Amended) Device according to claim 2, wherein the monomeric and/or oligomeric precursor materials of said polymeric material display an anisotropic behaviour.
8. (Amended) Method for manufacturing a device according to claim 1, comprising the following steps:
 - forming a diffraction grating area along an optical axis of an optical fibre

- bringing in contact of at least said area of the optical fibre with monomeric and/or oligomeric precursor materials give a layer or a coating of said monomeric and/or oligomeric precursor materials on at least said area
- curing the layer of the monomeric and/or oligomeric precursor materials

10. (Amended)Method according to claim 8, wherein the monomeric and/or oligomeric prrcursor materials are aligned by a magnetic field in the fibre axis direction before or during curing.

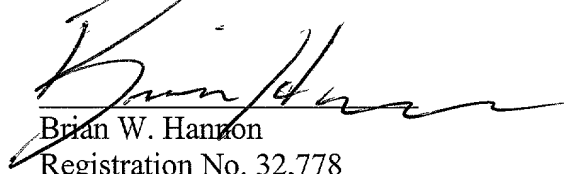
11. (Amended)Device obtainable by a process according to claim 8.

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REMARKS

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

4. (Amended) Device according to ~~claim 2 or 3~~ claim 2, wherein the monomeric and/or oligomeric precursor materials of said polymeric material display an anisotropic behaviour.

8. (Amended) Method for manufacturing a device according to ~~one of the preceding claims~~ claim 1, comprising the following steps:

- forming a diffraction grating area along an optical axis of an optical fibre
- bringing in contact of at least said area of the optical fibre with monomeric and/or oligomeric precursor materials give a layer or a coating of said monomeric and/or oligomeric precursor materials on at least said area
- curing the layer of the monomeric and/or oligomeric precursor materials

10. (Amended) Method according to ~~claim 8 or 9~~ claim 8, wherein the monomeric and/or oligomeric precursor materials are aligned by a magnetic field in the fibre axis direction before or during curing.

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11. (Amended) Device obtainable by a process according to ~~one of the preceding~~
~~claims 8 to 10~~claim 8.